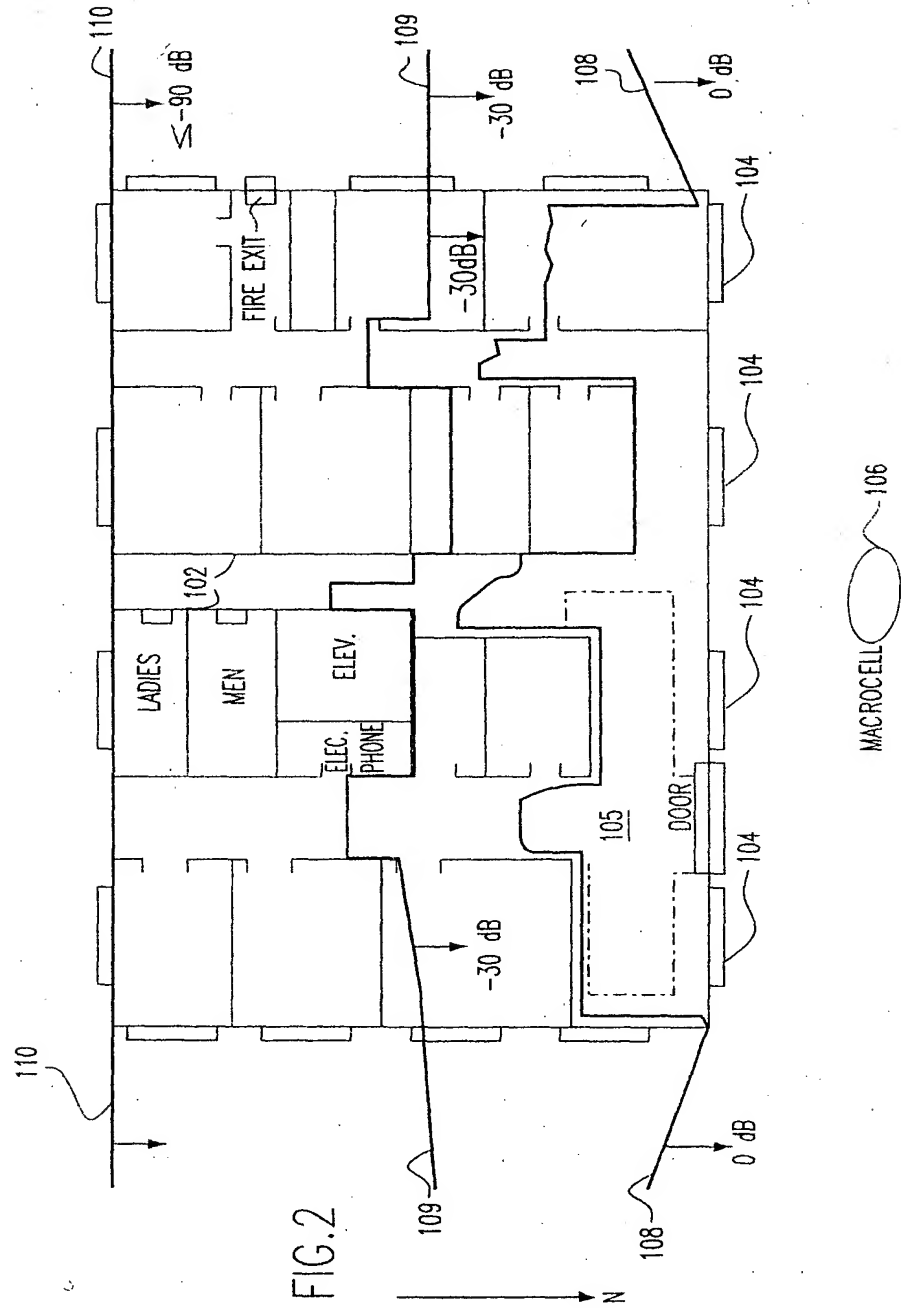


FIG.1



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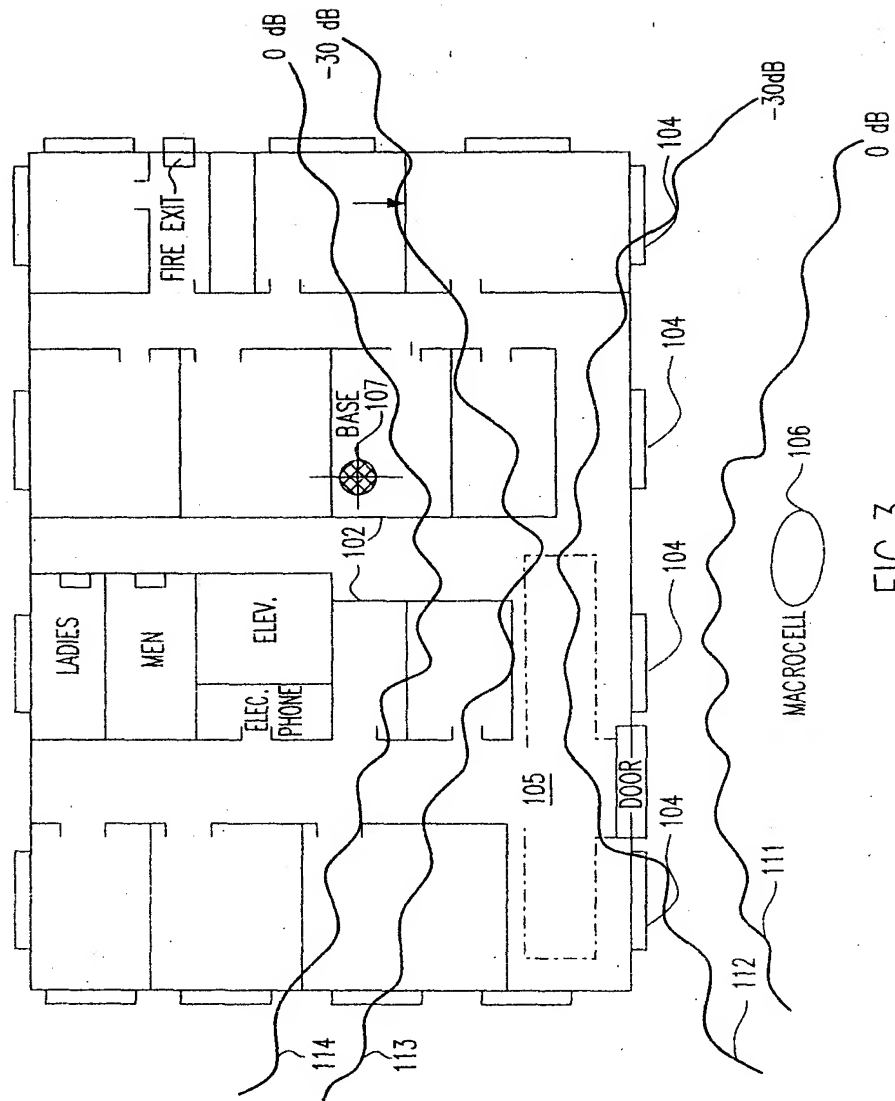


FIG. 3.

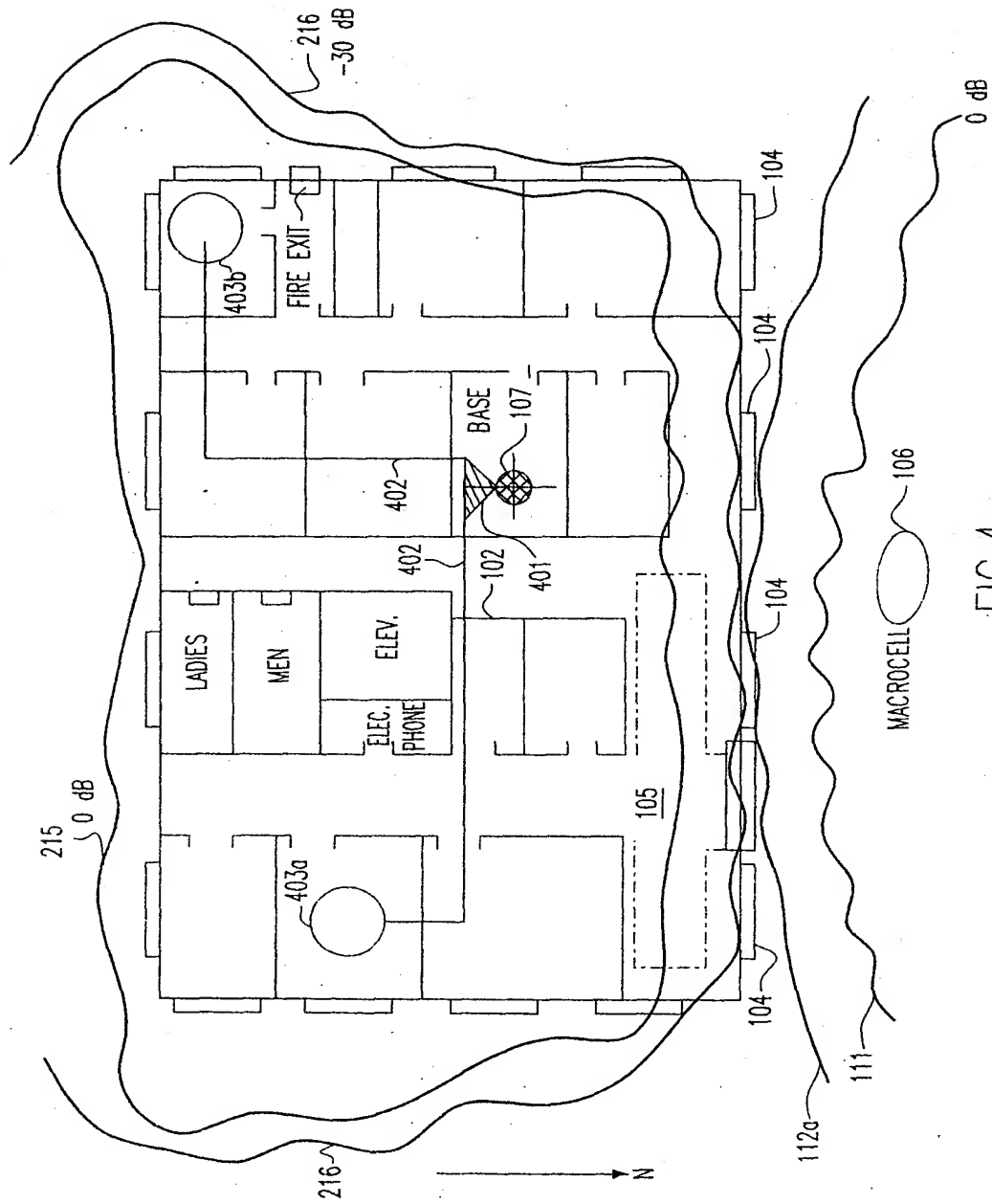


FIG. 4

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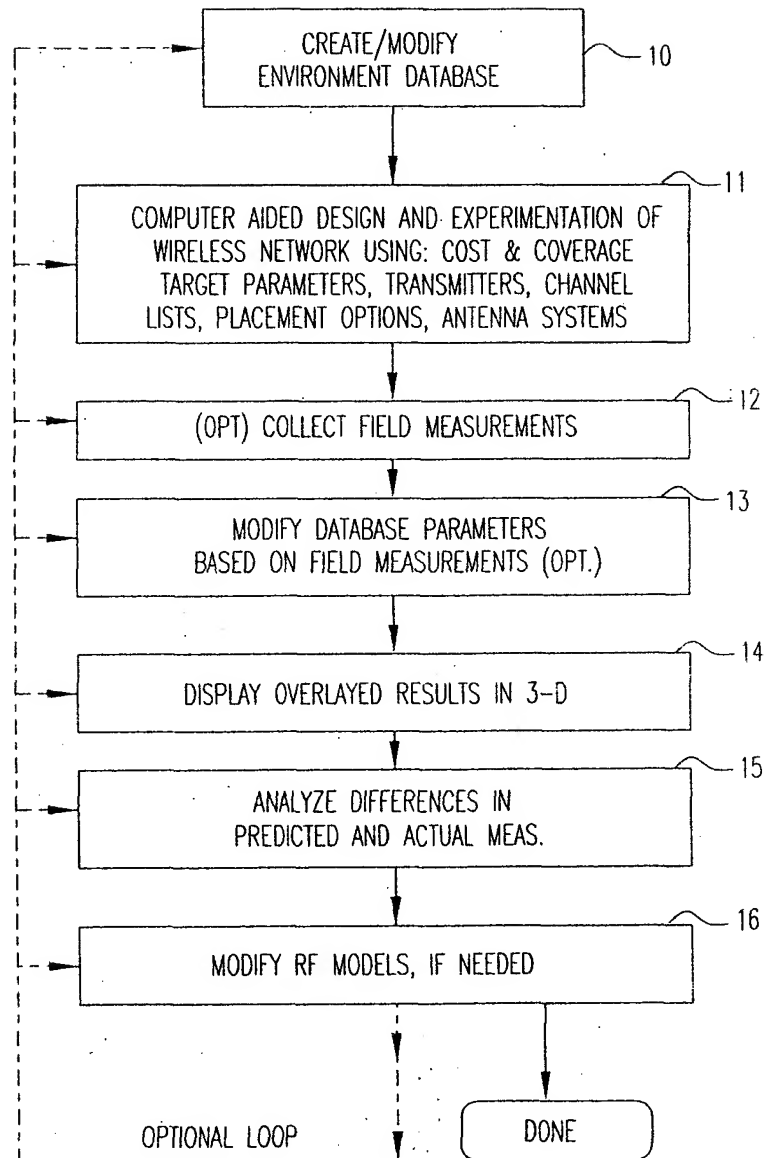


FIG.5

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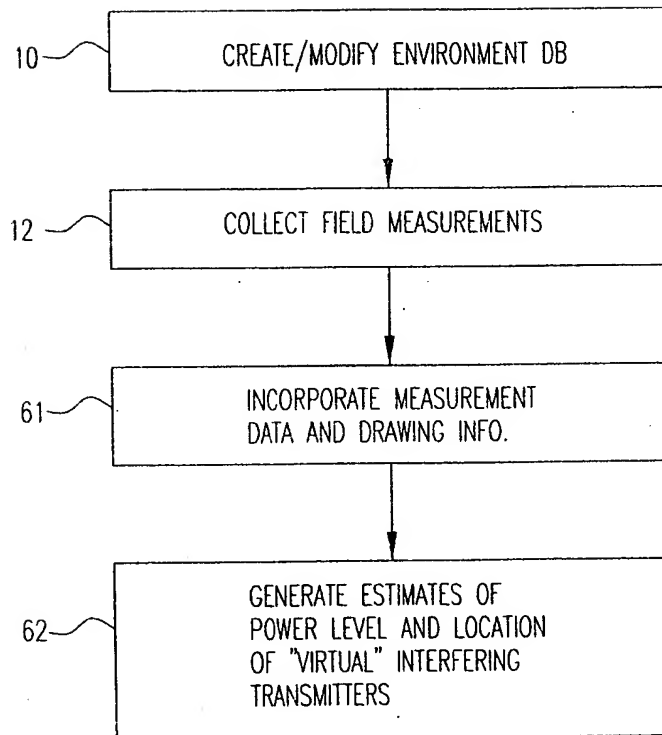


FIG.6

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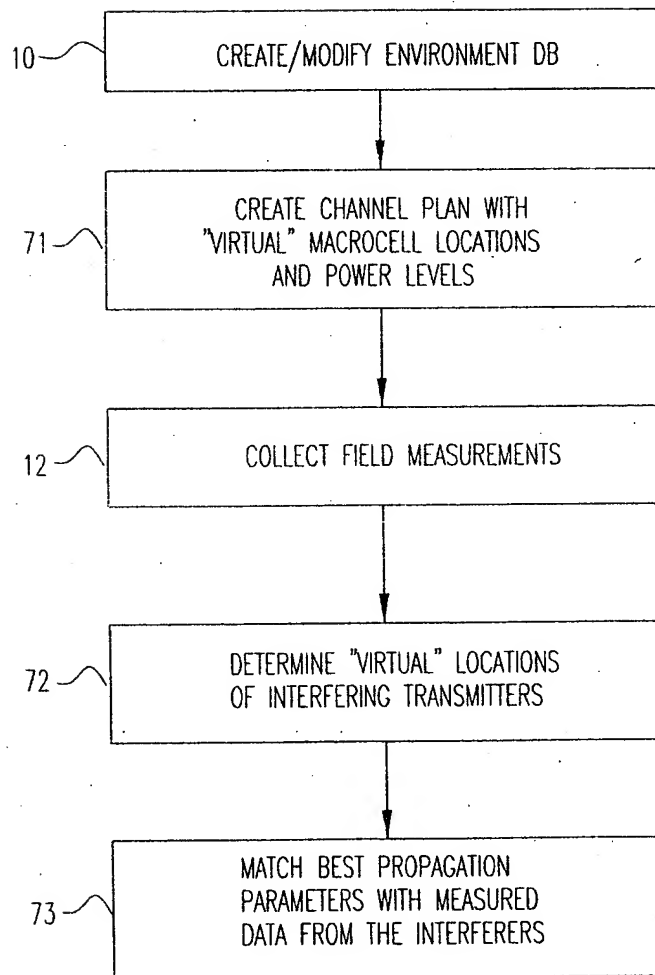


FIG. 7

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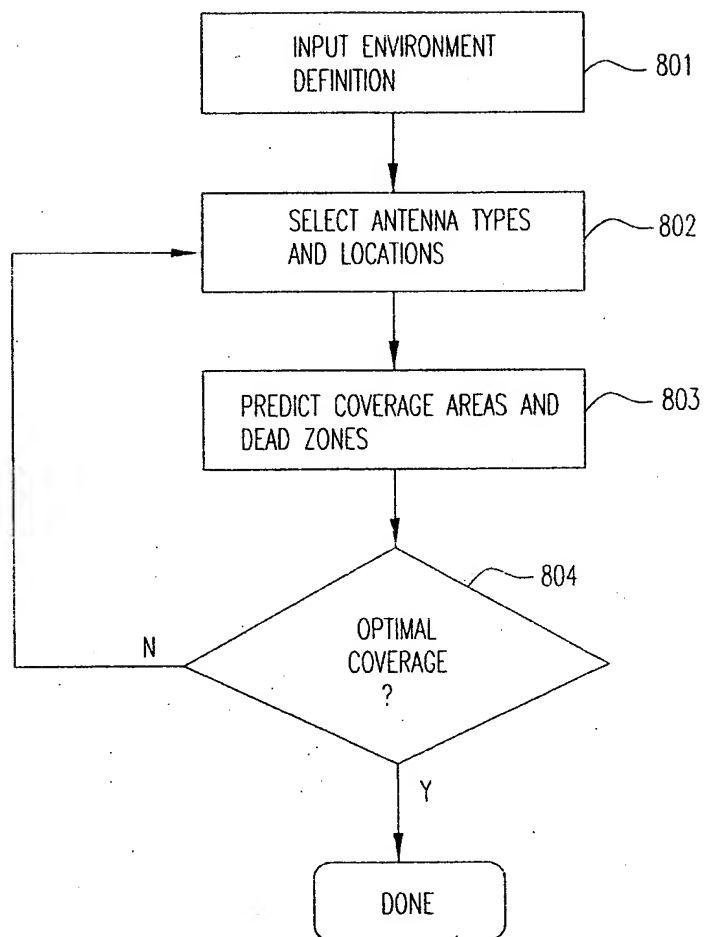


FIG.8



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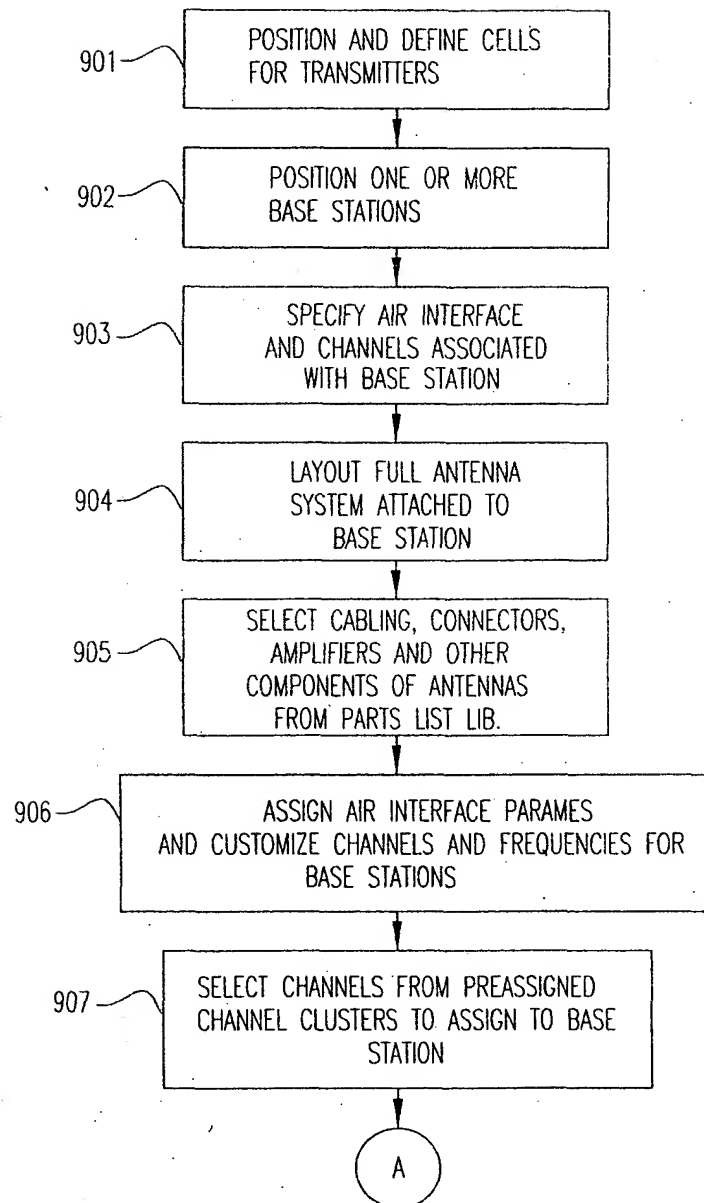


FIG.9A

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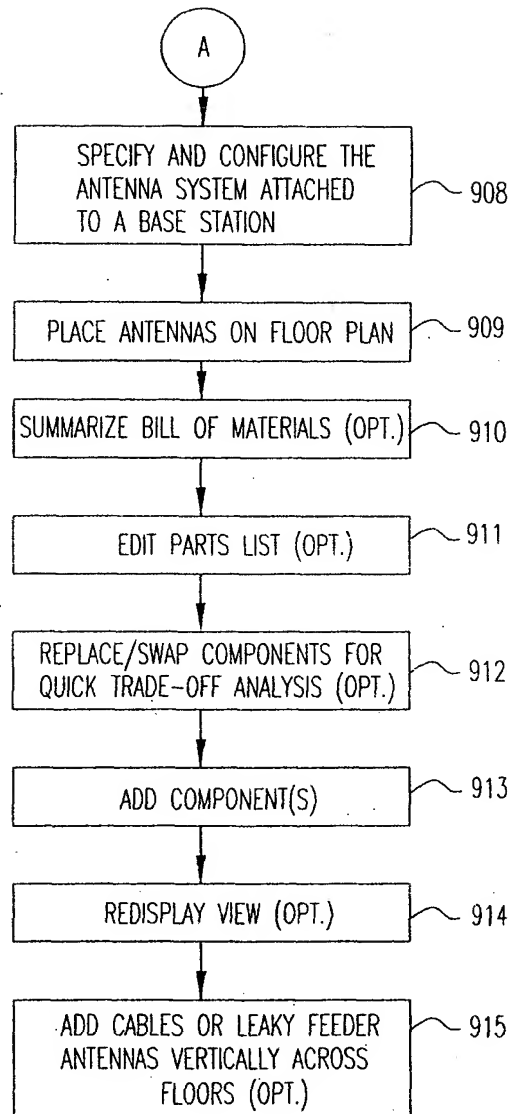


FIG.9B

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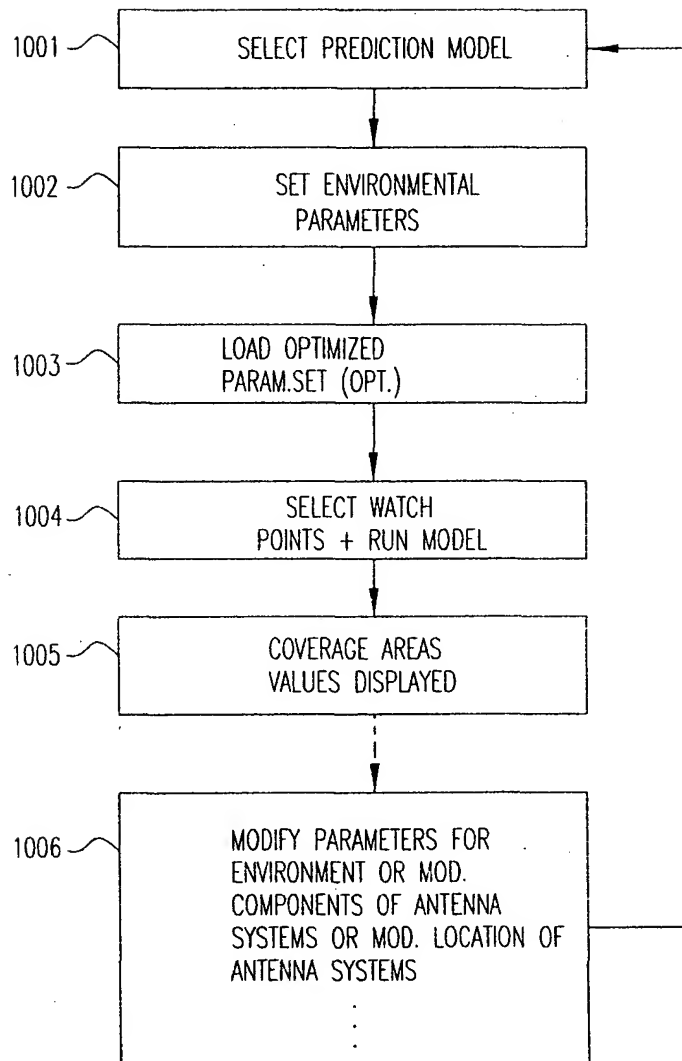


FIG.10

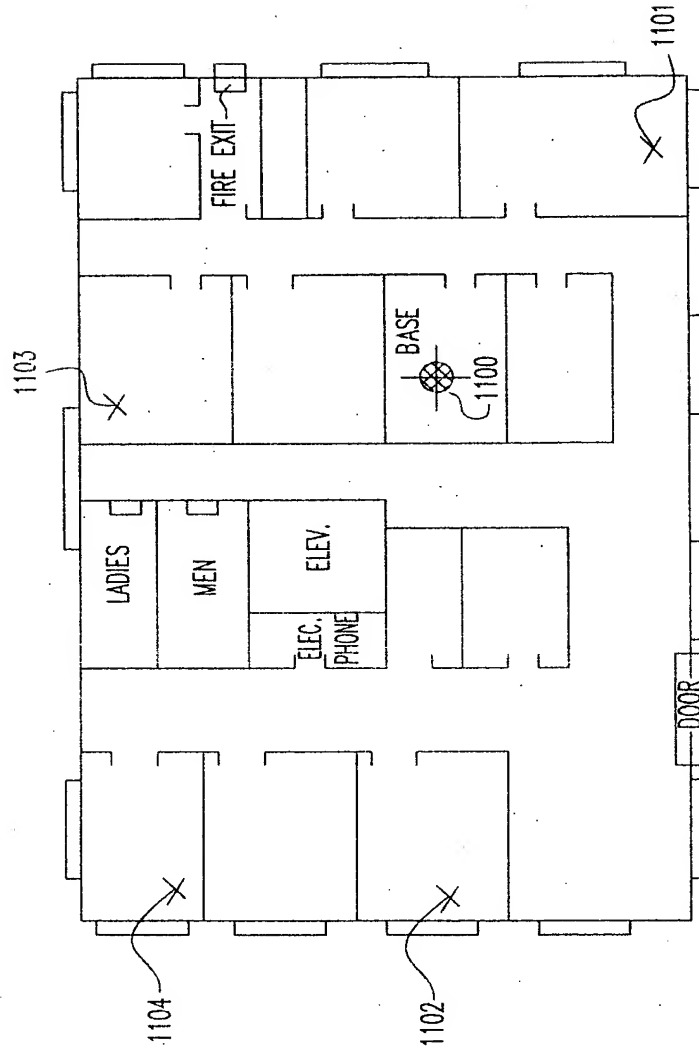


FIG.11

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Antenna Position Mode Prediction Control

CDMA1 AllenTel dB omni PCN 1850-1990 360Deg 6.00 dB Gain

Watch Points

1-Floor1, 67.71, 3.83, 1.80  
2-Floor1, 54.11, 25.25, 1.80  
3-Floor 1, 33.67, 24.34, 1.80  
4-Floor1, 33.46, 8.05, 1.80

Add Watch Point

Remove Watch Point

Floor 

1

Mobile Receiver Parameters

Predict

☒ RSSI

☐ SIR

☐ SNR

Antenna Positioning Options

☒ Left Click on Location

☐ Track Mouse Movement

OK

Cancel

FIG.12

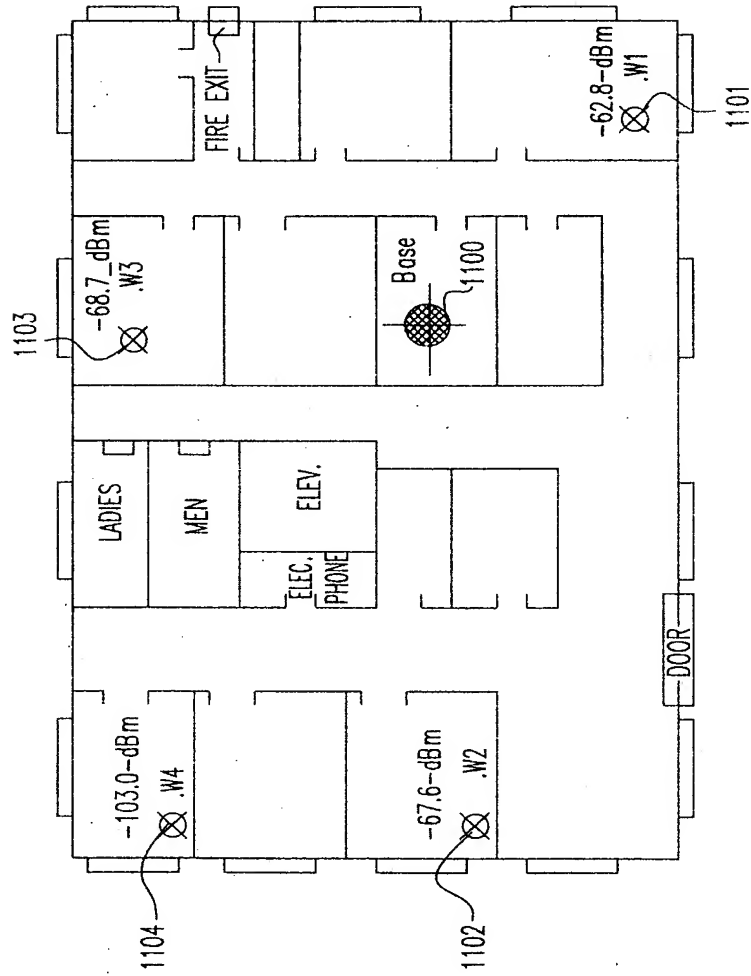


FIG.13

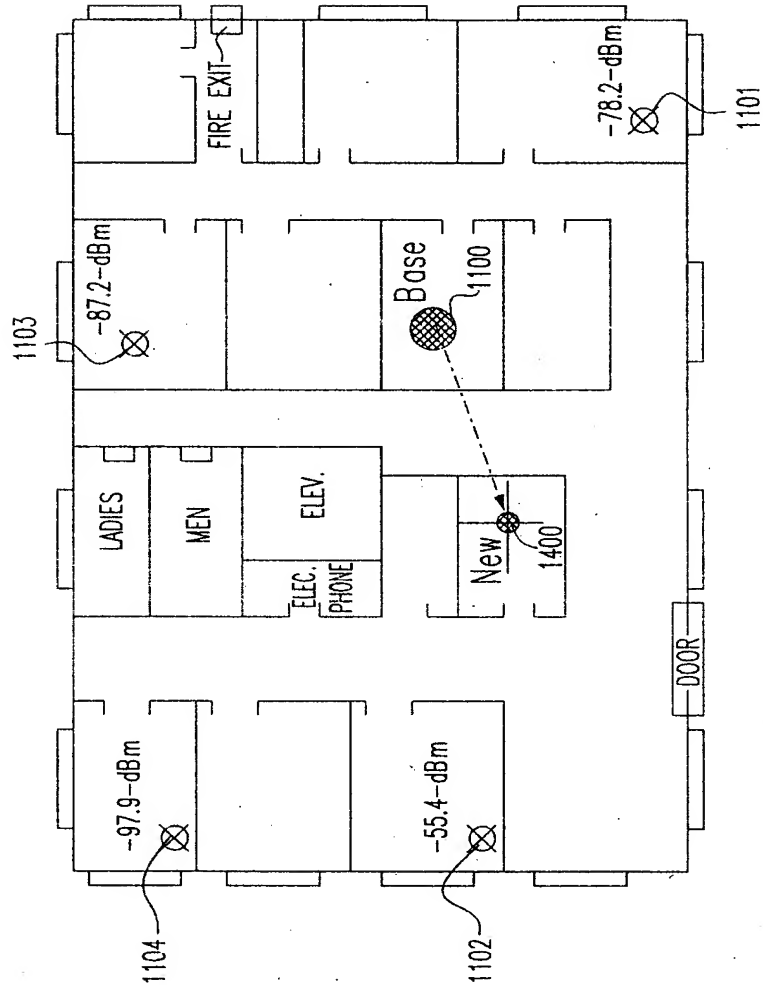


FIG.14

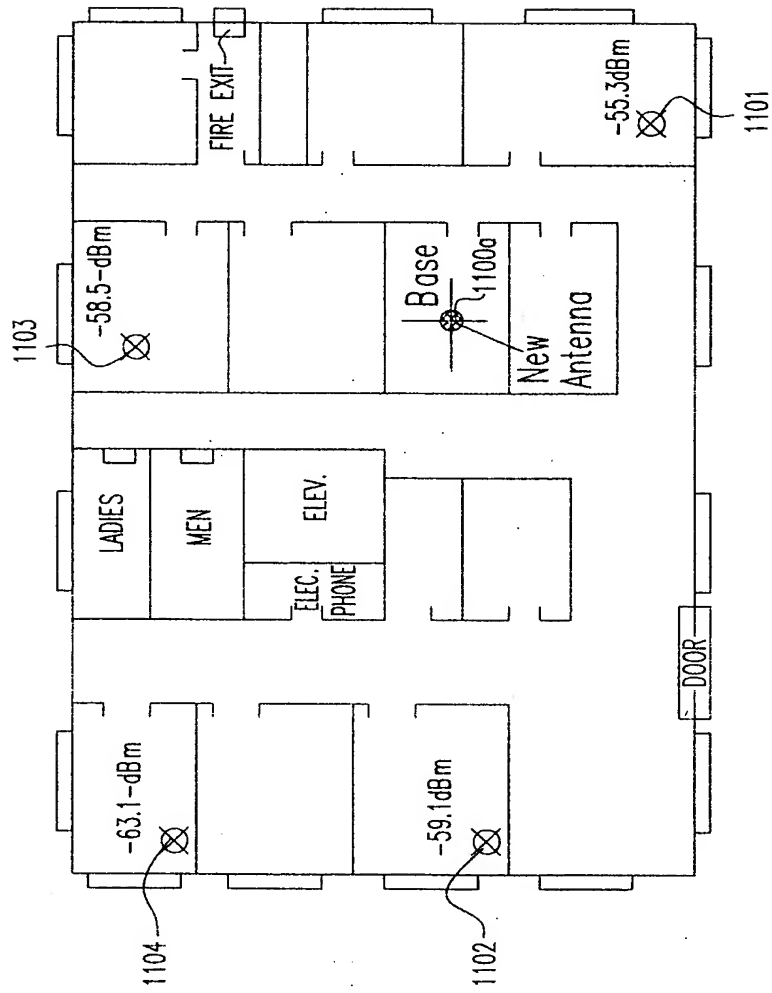


FIG.15



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Bill of Materials for Current Drawing

SUBTOTAL (excluding base station CDMA1): \$0.00

1610 { BASE STATION: MACROCELL  
DESCRIPTION: CDMA MACROCELL  
FLOOR1  
POSITION: 84.3, 44.0, 1.8  
CHANNEL SET: MACROCELL: IS-95A CDMA Default  
SUBCHANNEL SET: Default Channel Set  
TXPOWER: 10.00 dBm  
RF Bandwidth: 1.25 MHz  
RECEIVER NOISE FIGURE: 0.00 dB  
CHANNELS ASSIGNED TO BASE STATION

1611 { --NAME: AllenTel PCN PANEL 1710-1990 92 Deg 9.00 dB Gain  
TYPE: ANTENNA\_POINT  
MANUFACTURER: Allen Telecom  
PART NUMBER: DB972 1850  
FREQUENCY: 1710-1990 MHz  
PATTERN FILE: 972\_185.ant  
FLOOR1  
POSITION: 84.3, 44.0, 1.8  
COST: \$0.00 ~ 1612

SUBTOTAL (excluding base station MACROCELL): \$0.00 ~ 1613  
TOTAL COST(excluding base stations): \$0.00 ~ 1614

Save to ASCII File ok

FIG.16

Bill of Materials for Current Drawing

1611 { TYPE: ANTENNA\_POINT  
MANUFACTURER: Allen Telecom  
PART NUMBER: DB972 1850  
FREQUENCY: 1710-1990 MHz  
PATTERN FILE: 972\_185.ant  
FLOOR1  
POSITION 84.3, 44.0, 1.8  
COST: \$250.00 ~ 1612a

1720 { --NAME: 7/8", 50-ohm Foam Dielectric Coaxial Cable"  
TYPE: CABLE  
MANUFACTURER: Andrew  
PART NUMBER: LDF5\*  
FREQUENCY: 2000MHz  
LENGTH: 120.41 m (395.06ft)  
LOSS PER 100 m: 6.46 dB  
TOTAL LOSS: 7.78 dB  
POSITION:  
Vertex0: 10.6, 0.8, 1.8  
Vertex1: 1.7, 2.8, 1.8  
Vertex2: 1.7, 31.0, 1.8  
Vertex3: 35.3, 31.0, 1.8  
Vertex4: 35.3, 23.5, 1.8  
Vertex5: 65.4, 23.6, 1.8  
Vertex6: 72.6, 32.0, 1.8  
COST: \$85.00 ~ 1721

SUBTOTAL(excluding base station MACROCELL): \$470.00 ~ 1613a

TOTAL COST(excluding base stations): \$470.00 ~ 1614a

Save to ASCII File ok

FIG.17

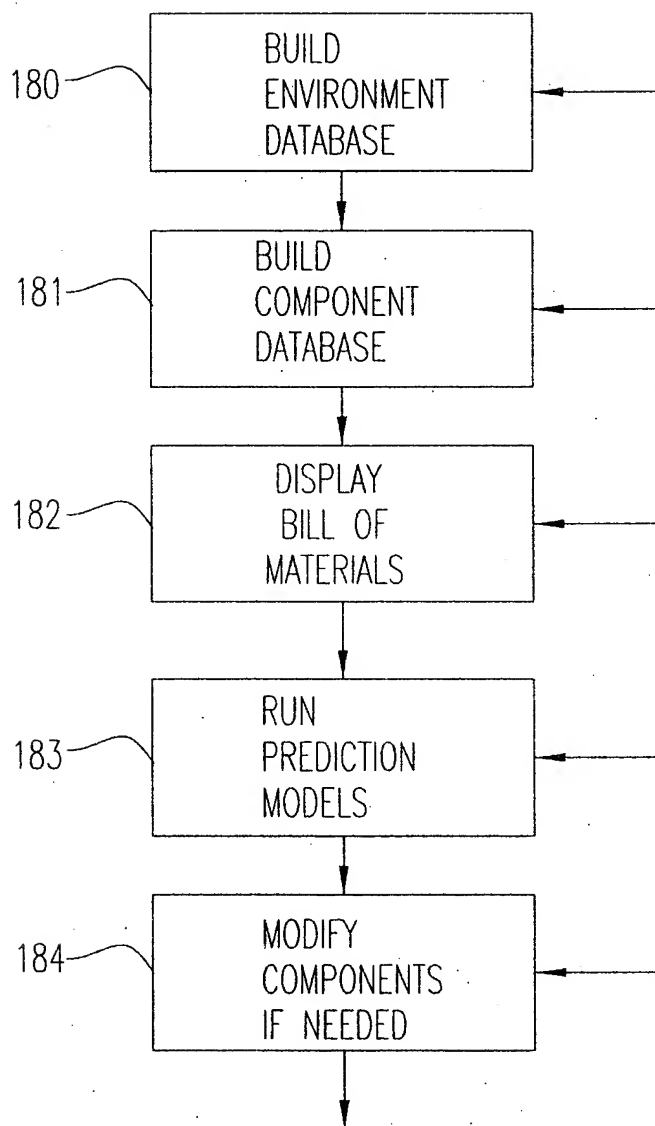


FIG.18

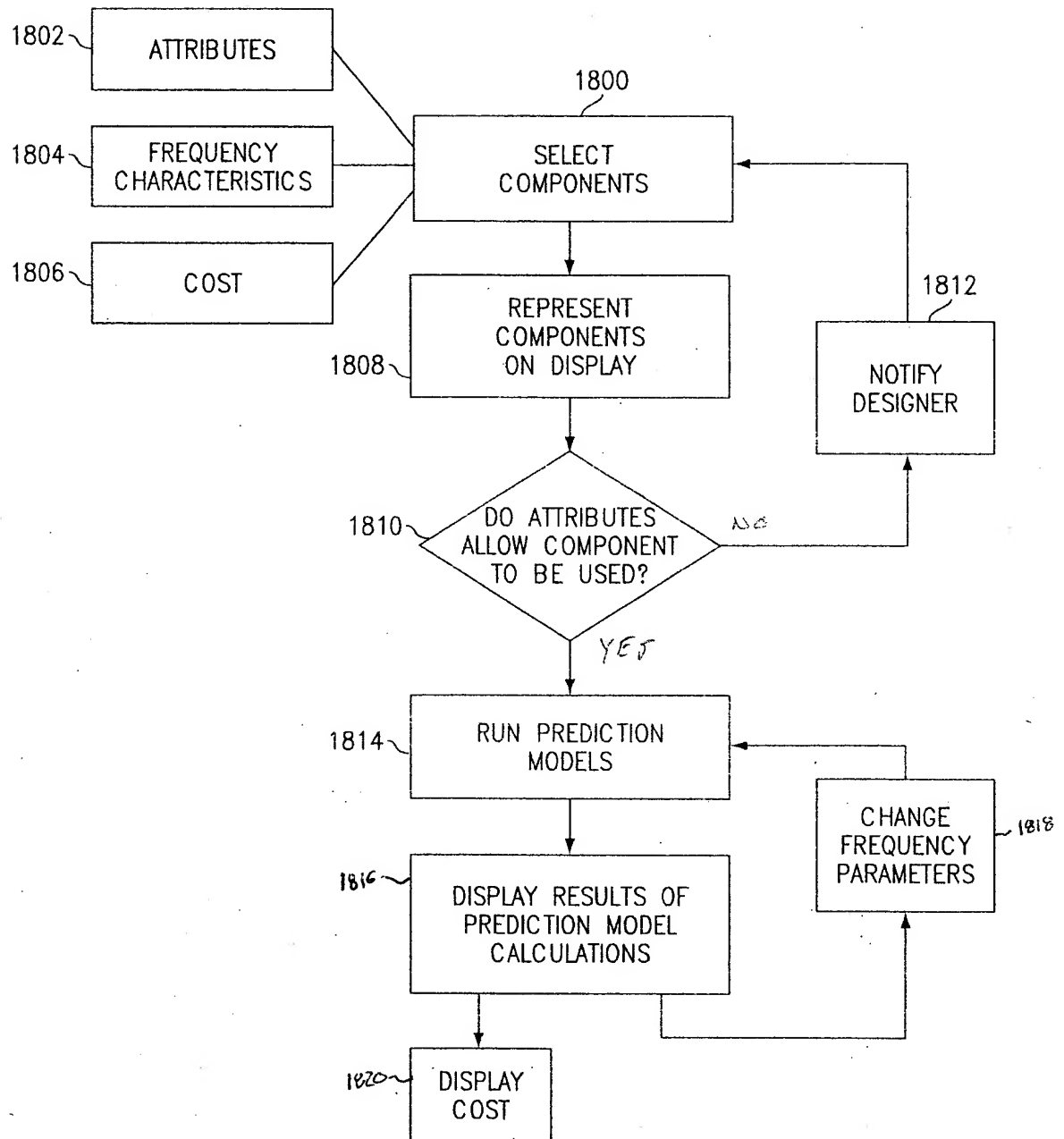


FIG.19

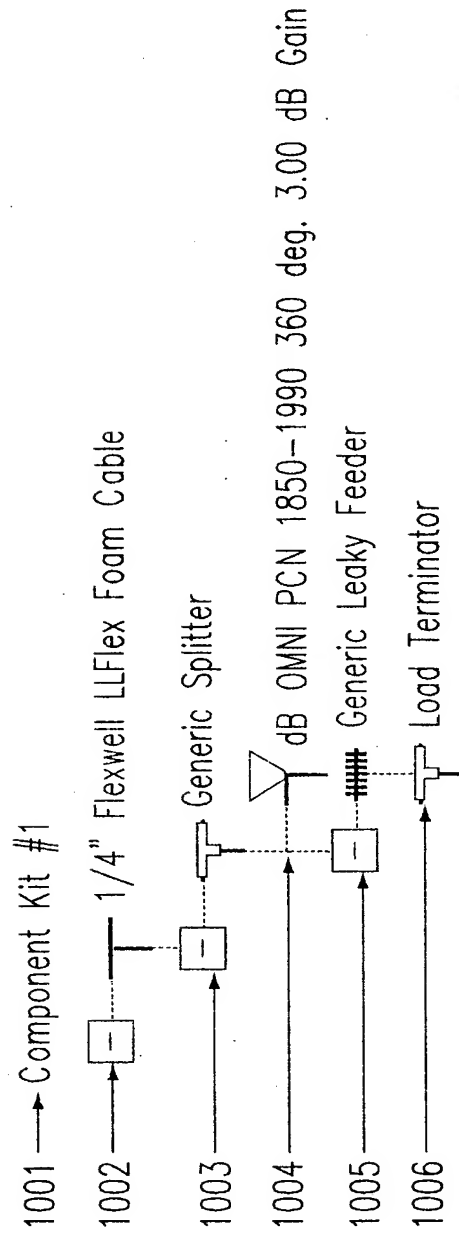


FIG.20

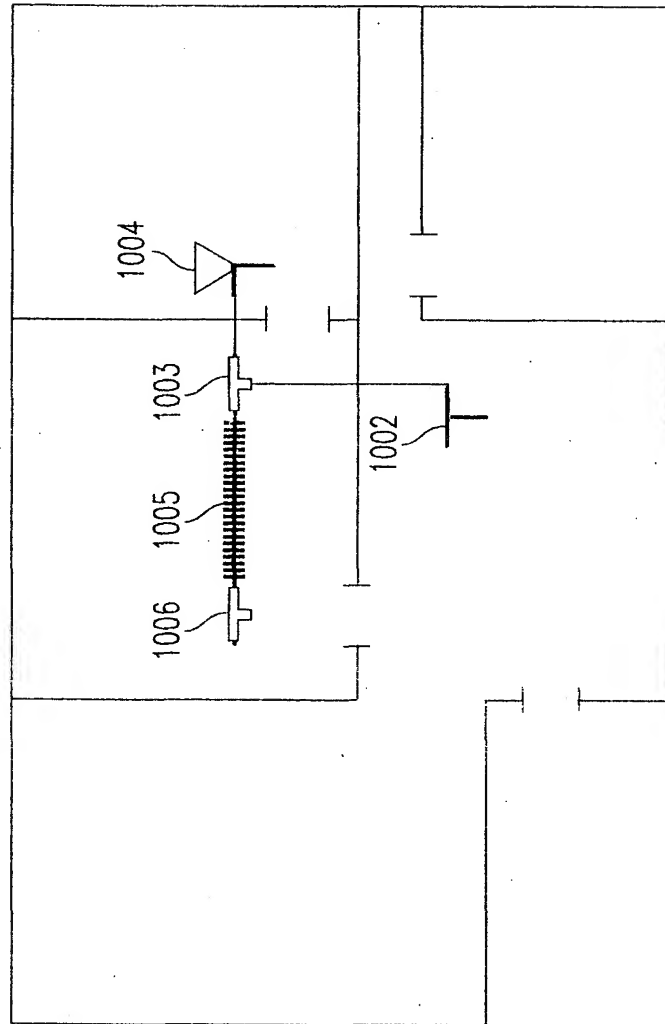


FIG. 21